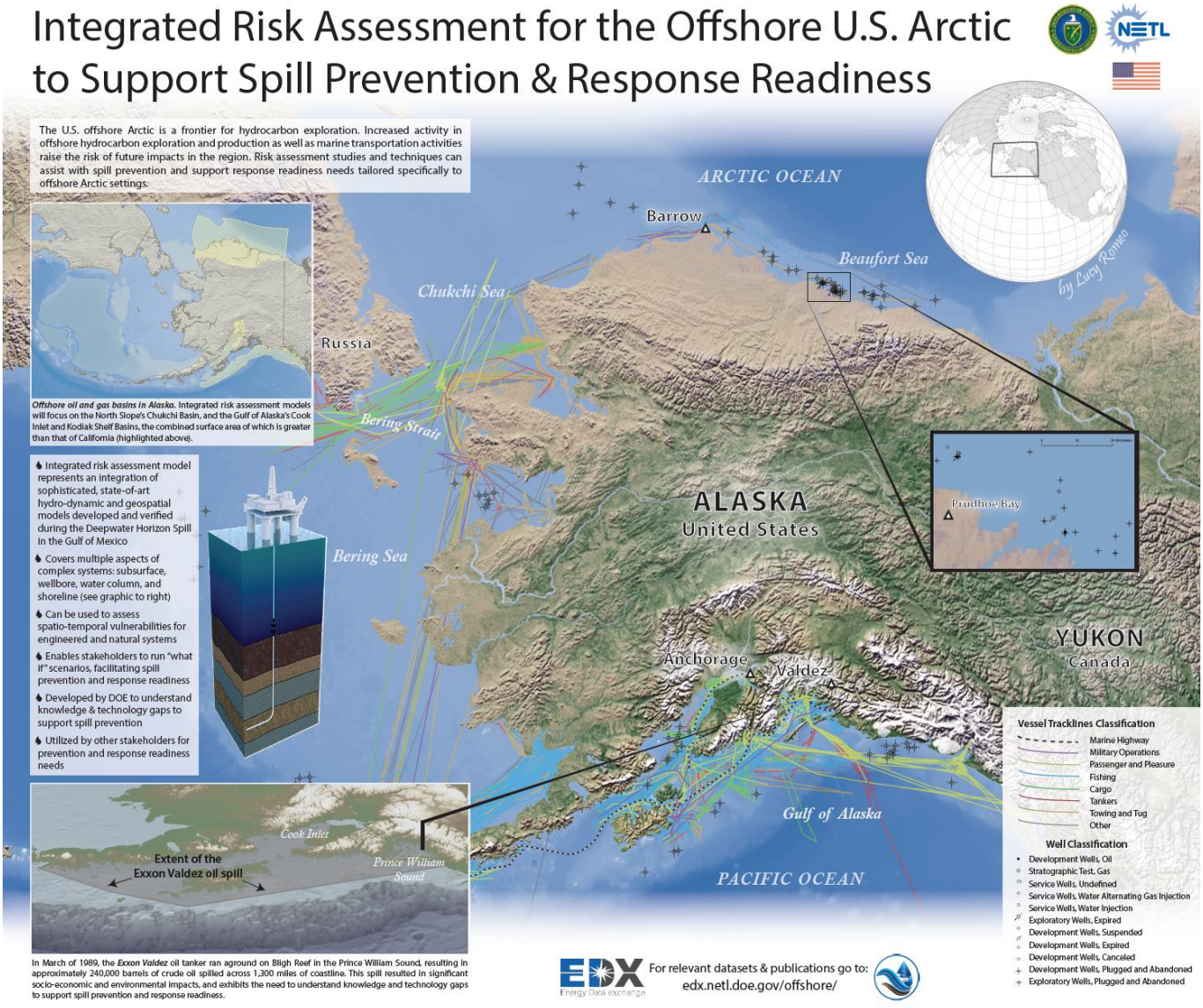
Romeo, L. Integrated Risk Assessment for the Offshore U.S. Arctic to Support Spill Prevention & Response Readiness, ESRI International User Conference, San Diego, CA, July 20–24, 2015. http://www.esri.com/events/user-conference

Abstract

The U.S. offshore Arctic is a frontier for hydrocarbon exploration. Increased activity in offshore hydrocarbon exploration and production as well as marine transportation activities raise the risk of future impacts in the region. Risk assessment studies and techniques can assist with spill prevention and support response readiness needs tailored specifically to offshore Arctic settings



Data sources: NOAA, Marine Cadastre, Alaska Department of Administration: Alaska Oil and Gas Conservation Commission

References:

Nelson, J. R., Bauer, J. R., and K. Rose. 2014. Assessment of Geographic Setting on Oil Spill Impact Severity in the United States - Insights from Two Key Spill Events in Support of Risk Assessment for Science-Based Decision Making. *Journal of Sustainable Energy Engineering,* 2 (2), pg. 152-165.

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